

# KQGIS Land-use Monitoring and Management Solution

## Brief Introduction

KQGIS Land-use Monitoring and Management Solution enables local government to monitor land-use in real time by adopting multiple advanced technologies. This solution also provides tools for fast and accurate digitizing, processing, analysis, management and updating of land-use changes and suspected illegal land-use, which are captured from remote sensing monitoring, mobile patrolling, anonymous reports and various other approaches.



## Solution

This solution extracts land-use changes information from various methods and synchronizes legal land-use changes to database after field verification and processing.

### Survey Methods

Adopt multiple survey methods including RS, UAV, mobile patrolling, etc. to monitor land-use changes.

### Extract Data

Extract land-use changes information from various monitoring, and conduct field verification accordingly.

### Save Changes

Conduct coordinate transformation, data quality check, etc. before saving into database.

